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2018-04-30

DoD Acquisition Software Cost and Schedule Primary Data Collection Instrument

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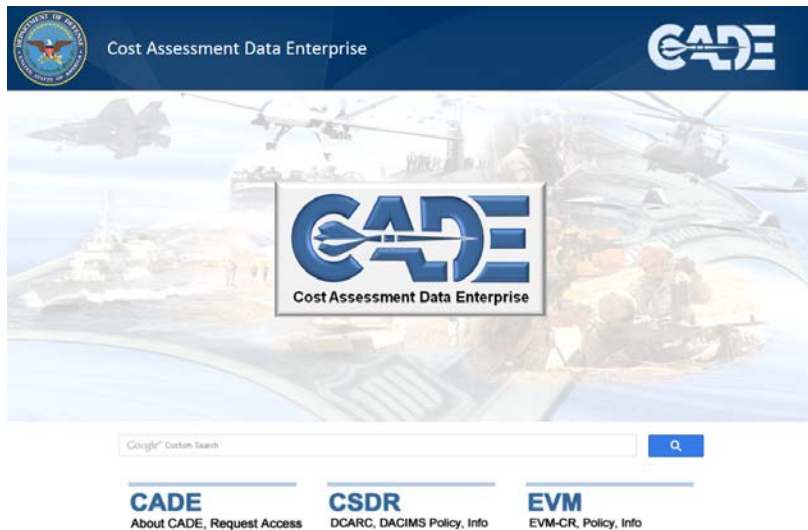
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DoD Acquisition Software Cost and Schedule Primary Data Collection Instrument

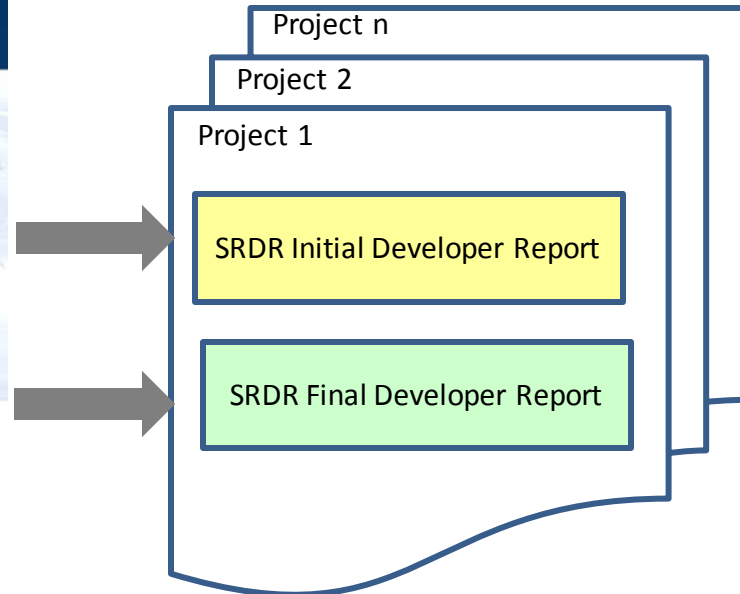
- Project data collected from US DoD Cost Data Repository
- Project data includes both **SRDR Initial and Final Developer Report**

US DoD Data Repository



<http://dcarc.cape.osd.mil/Default.aspx>

Software Data Reports

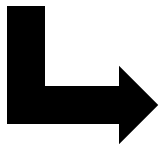


Software Resource Data Reports

Software Resource Data Report (SRDR)

*SRDR Final Developer Report

Section 3.1.1 UNCLASSIFIED			
SECURITY CLASSIFICATION			
SOFTWARE RESOURCES DATA REPORTING: FINAL DEVELOPER REPORT (SAMPLE FORMAT 3) <i>Due 60 days after final software delivery and 60 days after delivery of any release or build.</i>			
Section 3.1 REPORT CONTEXT AND DEVELOPMENT ORGANIZATION			
MAJOR PROGRAM a. NAME:	Section 3.1.2		b. PHASE/MILESTONE: Section 3.1.2
REPORTING ORGANIZATION TYPE Section 3.1.3 <input type="checkbox"/> PRIME/ASSOCIATE CONTRACTOR <input type="checkbox"/> DIRECT-REPORTING SUBCONTRACTOR <input type="checkbox"/> GOVERNMENT	NAME/ADDRESS a. REPORTING ORGANIZATION: Section 3.1.4 b. DIVISION: Section 3.1.4		
APPROVED PLAN NUMBER Section 3.1.5	CUSTOMER Section 3.1.6	CONTRACT TYPE Section 3.1.7	
WBS ELEMENT CODE Section 3.1.8	WBS REPORTING ELEMENT Section 3.1.8		
TYPE ACTION a. CONTRACT NO.: Section 3.1.9 b. LATEST MODIFICATION: Section 3.1.9	c. SOLICITATION NO.: Section 3.1.9 d. NAME: Section 3.1.9	e. TASK ORDER/DELIVERY ORDER NO.: Section 3.1.9	
PERIOD OF PERFORMANCE a. START DATE (YYYYMMDD): Section 3.1.10 b. END DATE (YYYYMMDD): Section 3.1.10	APPROPRIATION Section 3.1.11 <input type="checkbox"/> RDT&E <input type="checkbox"/> PROCUREMENT <input type="checkbox"/> O&M	SUBMISSION NUMBER Section 3.1.12 RESUBMISSION NUMBER Section 3.1.13 REPORT AS OF (YYYYMMDD) Section 3.1.14 DATE PREPARED (YYYYMMDD) Section 3.1.15	
NAME (Last, First, Middle Initial) Section 3.1.15	Department Section 3.1.15	Telephone (Include Area Code) Section 3.1.15	EMAIL ADDRESS Section 3.1.15
DEVELOPMENT ORGANIZATION Section 3.1.16	SOFTWARE PROCESS MATURITY Section 3.1.17	LEAD EVALUATOR Section 3.1.17	
	CERTIFICATION DATE Section 3.1.17	EVALUATOR AFFILIATION Section 3.1.17	
PRECEDENTS (List up to five similar systems by the same organization or team.) Section 3.1.18			
SRDR DATA DICTIONARY FILENAME Section 3.1.19			
COMMENTS Section 3.1.20			

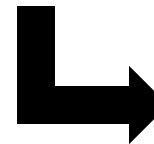


Actual Development Effort, Schedule, Defects
Actual Development Process

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*SRDR Initial Developer Report

Section 3.1.1 UNCLASSIFIED			
SECURITY CLASSIFICATION			
SOFTWARE RESOURCES DATA REPORTING: INITIAL DEVELOPER REPORT (SAMPLE FORMAT 2) <i>Due 60 days after contract award and 60 days after start of any release or build.</i>			
Section 3.1 REPORT CONTEXT AND DEVELOPMENT ORGANIZATION			
MAJOR PROGRAM a. NAME:	Section 3.1.2		b. PHASE/MILESTONE: Section 3.1.2
REPORTING ORGANIZATION TYPE Section 3.1.3 <input type="checkbox"/> PRIME/ASSOCIATE CONTRACTOR <input type="checkbox"/> DIRECT-REPORTING SUBCONTRACTOR <input type="checkbox"/> GOVERNMENT	NAME/ADDRESS a. REPORTING ORGANIZATION: Section 3.1.4 b. DIVISION: Section 3.1.4		
APPROVED PLAN NUMBER Section 3.1.5	CUSTOMER Section 3.1.6	CONTRACT TYPE Section 3.1.7	
WBS ELEMENT CODE Section 3.1.8	WBS REPORTING ELEMENT Section 3.1.8		
TYPE ACTION a. CONTRACT NO.: Section 3.1.9 b. LATEST MODIFICATION: Section 3.1.9	c. SOLICITATION NO.: Section 3.1.9 d. NAME: Section 3.1.9	e. TASK ORDER/DELIVERY ORDER NO.: Section 3.1.9	
PERIOD OF PERFORMANCE a. START DATE (YYYYMMDD): Section 3.1.10 b. END DATE (YYYYMMDD): Section 3.1.10	APPROPRIATION Section 3.1.11 <input type="checkbox"/> RDT&E <input type="checkbox"/> PROCUREMENT <input type="checkbox"/> O&M	SUBMISSION NUMBER Section 3.1.12 RESUBMISSION NUMBER Section 3.1.13 REPORT AS OF (YYYYMMDD) Section 3.1.14 DATE PREPARED (YYYYMMDD) Section 3.1.15	
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COMMENTS Section 3.1.20			



Estimated Functional Requirements
Estimated External Interfaces
Estimated Peak Staff
Application Domain

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*Required for new US DoD software development contracts ... over \$20M USD

Example Pairwise Correlation Analysis

	Actual Effort	Actual Duration	Estimated Total REQ	Actual Total REQ	Estimated New REQ	Actual New REQ	Estimated Effort	Actual Peak Staff	Estimated Peak Staff
Actual Effort	1.0	0.6	0.7	0.7	0.7	0.5	0.6	0.4	0.4
Actual Duration	0.6	1.0	0.4	0.4	0.5	0.3	0.2	-0.2	-0.2
Estimated Total Requirement	0.7	0.4	1.0	0.9	0.9	0.7	0.6	0.2	0.2
Actual Total Requirement	0.7	0.4	0.9	1.0	0.8	0.8	0.6	0.3	0.3
Estimated New Requirement	0.7	0.5	0.9	0.8	1.0	0.9	0.7	0.2	0.2
Actual New Requirement	0.5	0.3	0.7	0.8	0.9	1.0	0.5	0.5	0.4
Estimated Effort	0.6	0.2	0.6	0.6	0.7	0.5	1.0	0.6	0.6
Actual Peak Staff	0.4	-0.2	0.2	0.3	0.2	0.5	0.6	1.0	1.0
Estimated Peak Staff	0.4	-0.2	0.2	0.3	0.2	0.4	0.6	1.0	1.0
RVOL	0.1	0.1	0.0	0.0	0.5	0.2	0.1	0.1	0.1
Scope	0.2	-0.1	0.1	0.1	0.4	0.3	0.1	0.4	0.4



Strong Correlation



Moderate Correlation



Weak Correlation